

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
 Data File : BN009544.D
 Acq On : 04 Feb 2020 00:35
 Operator : CG/JU
 Sample : L1342-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 04 02:55:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	161930	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	683243	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	430737	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	860680	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	762330	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	842354	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	10767	2.73	ng/uL	0.00
5) Phenol-d5	6.64	99	199479	14.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	152627	16.09	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	155787	14.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	161826	14.39	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	80519	15.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	89697	15.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	160802	15.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	129262	11.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	555839	17.68	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	570027	15.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	71347	12.01	ng/ul	0.00
57) Fluorene-d10	15.08	176	451838	16.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	69482	12.93	ng/ul	0.00
70) Anthracene-d10	16.93	188	677148	17.31	ng/ul	0.00
78) Pyrene-d10	19.23	212	689167	17.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	652426	15.73	ng/ul	0.00

Target Compounds

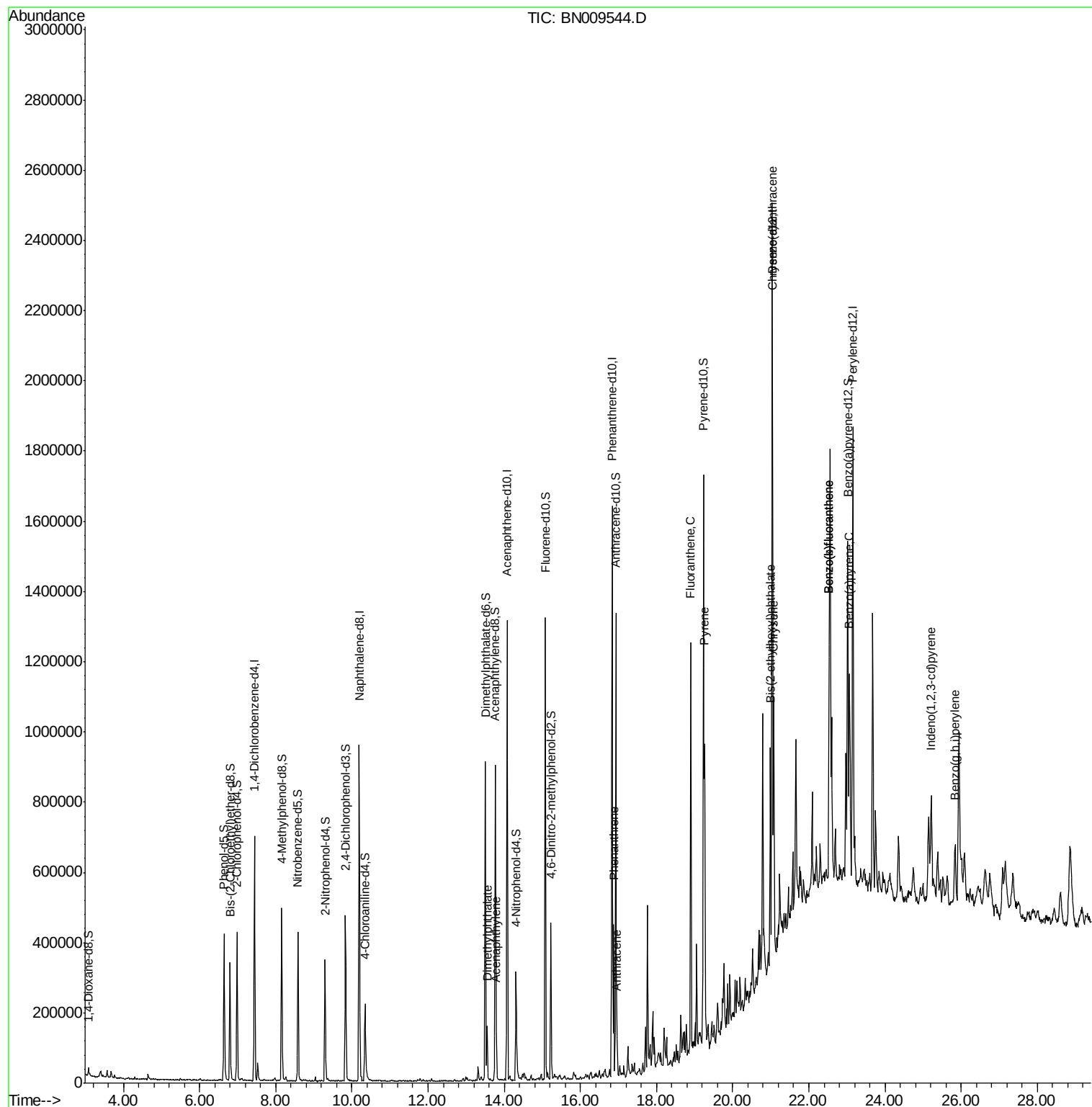
					Ovalue
44) Dimethylphthalate	13.55	163	88395	2.649	ng/ul 98
47) Acenaphthylene	13.79	152	79609	1.915	ng/ul 99
69) Phenanthrene	16.87	178	233125	4.750	ng/ul 99
71) Anthracene	16.97	178	54117	1.087	ng/ul 96
76) Fluoranthene	18.90	202	646935	11.548	ng/ul 100
79) Pyrene	19.26	202	584765	10.508	ng/ul 99
82) Benzo(a)anthracene	21.03	228	350015	6.650	ng/ul 93
83) Bis(2-ethylhexyl)phthalate	20.99	149	164210	4.888	ng/ul 98
84) Chrysene	21.07	228	394404	7.527	ng/ul 97
87) Benzo(b)fluoranthene	22.53	252	487387	9.248	ng/ul 97
88) Benzo(k)fluoranthene	22.53	252	487387	9.390	ng/ul 97
90) Benzo(a)pyrene	23.06	252	332130	6.802	ng/ul 95
91) Indeno(1,2,3-cd)pyrene	25.22	276	237293	4.088	ng/ul 94
93) Benzo(g,h,i)perylene	25.84	276	191493	3.936	ng/ul# 90

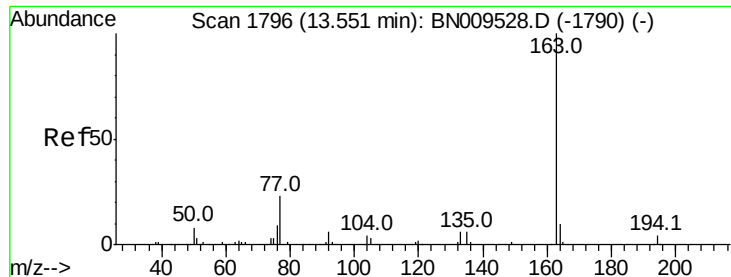
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.649 ng/ul

RT: 13.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

Instrument :

BNA_N

ClientSampleId :

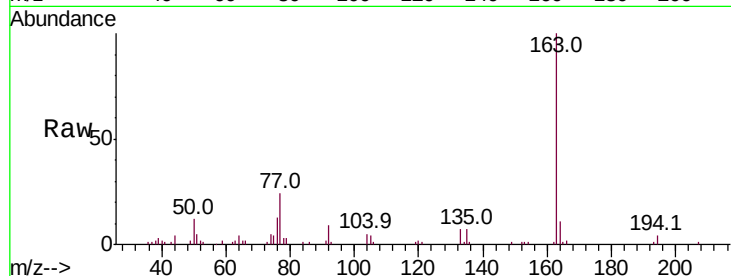
Tot Ion:163 Resp: 88395

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

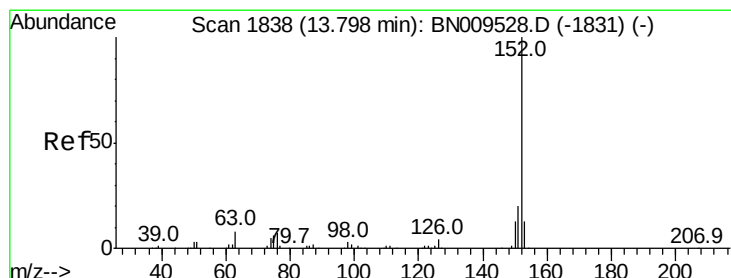
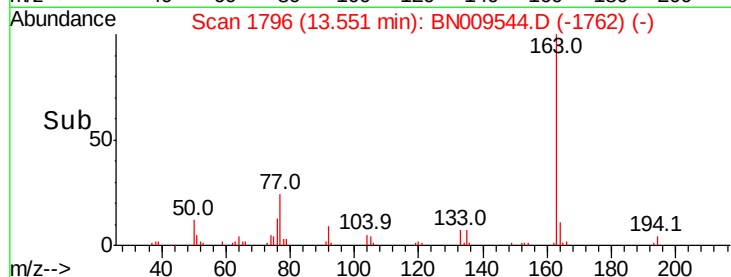
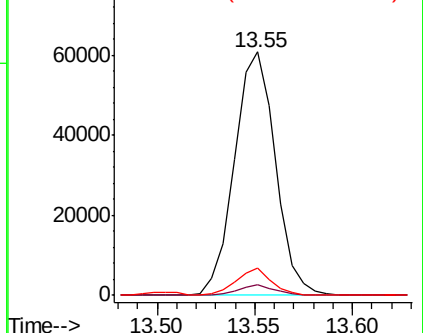
164 11.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#47

Acenaphthylene

Concen: 1.915 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

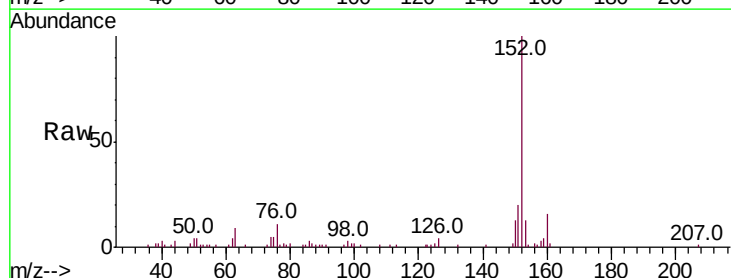
Tgt Ion:152 Resp: 79609

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

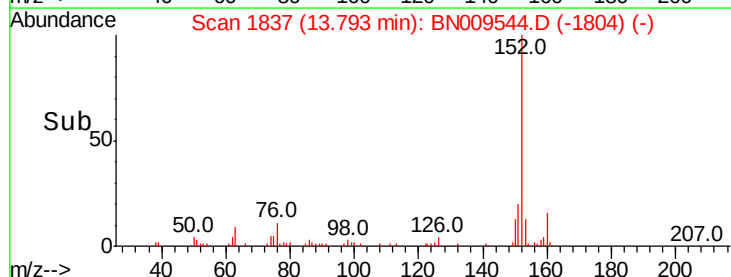
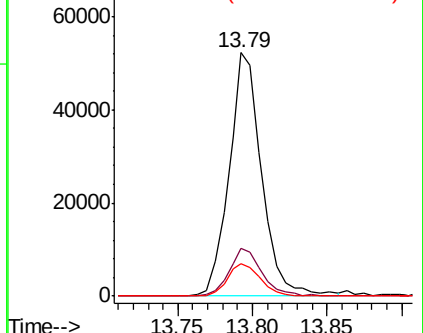
153 13.5 10.6 15.8

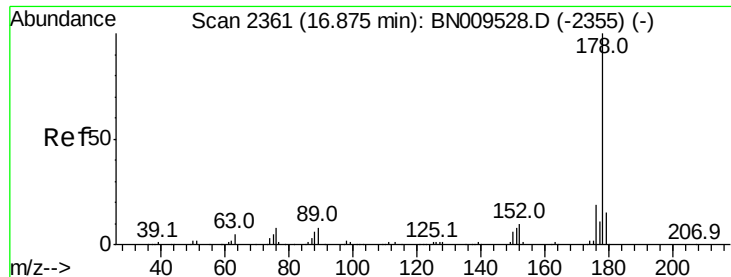


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 4.750 ng/ul

RT: 16.87 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

Instrument :

BNA_N

ClientSampleId :

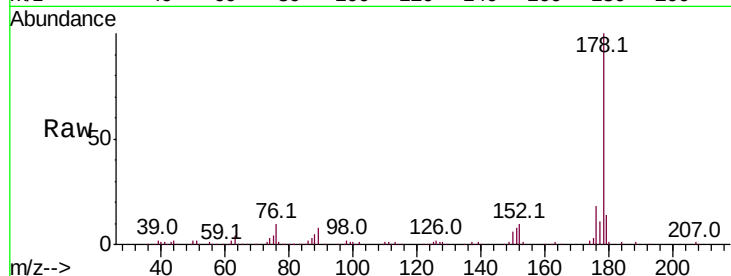
Tot Ion:178 Resp: 233125

Ion Ratio Lower Upper

178 100

179 14.4 12.2 18.2

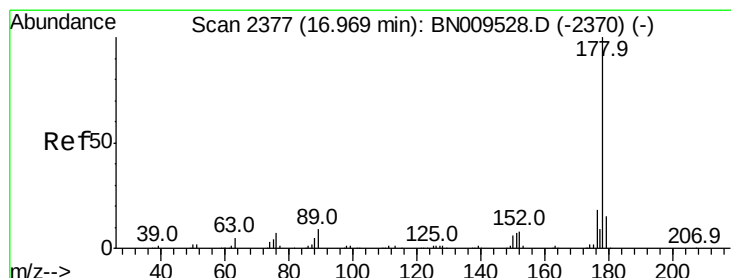
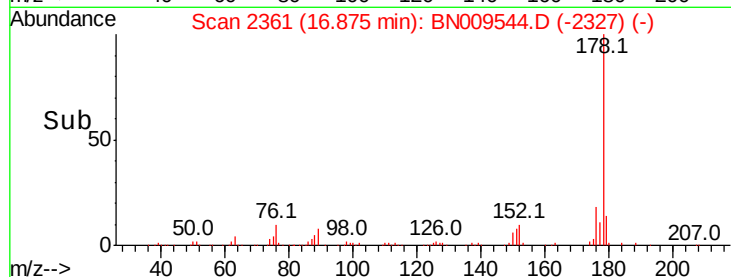
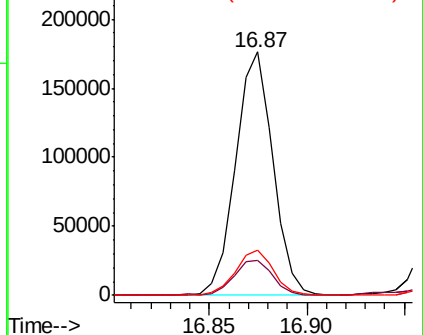
176 18.5 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.087 ng/ul

RT: 16.97 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

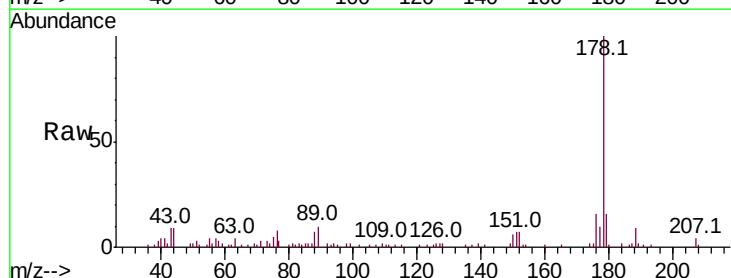
Tgt Ion:178 Resp: 54117

Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

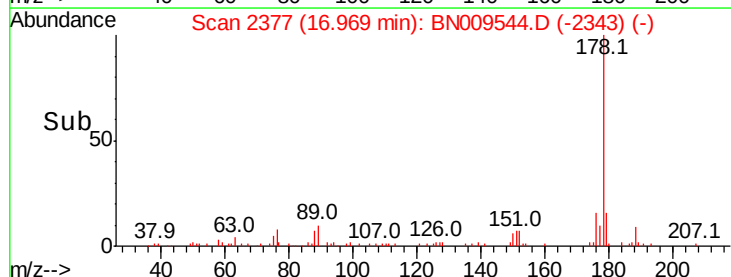
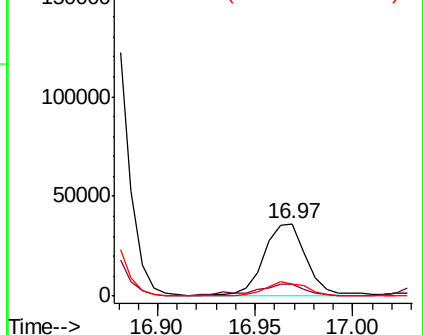
176 15.6 14.6 21.8

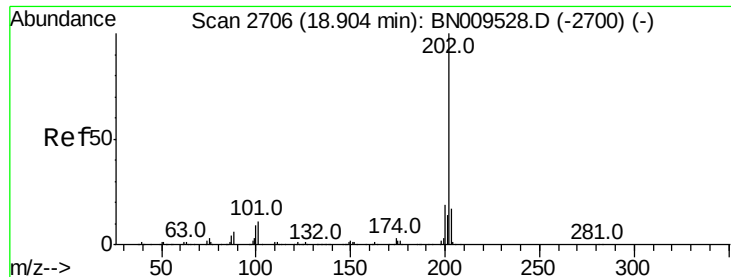


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 11.548 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

Instrument :

BNA_N

ClientSampleId :

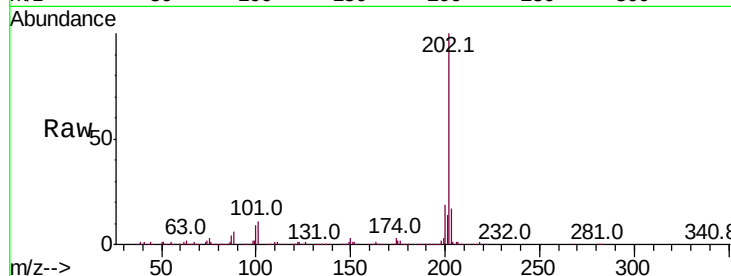
Tot Ion:202 Resp: 646935

Ion Ratio Lower Upper

202 100

101 11.5 9.2 13.8

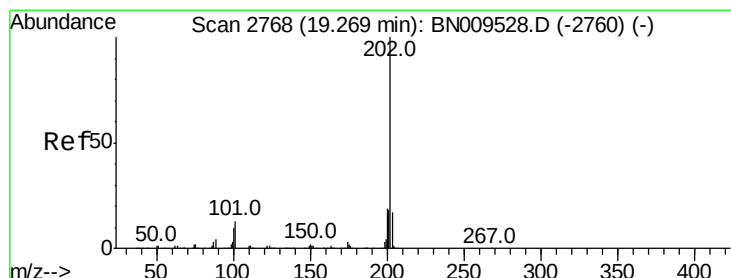
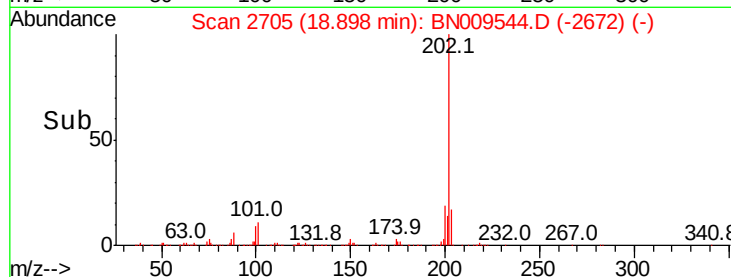
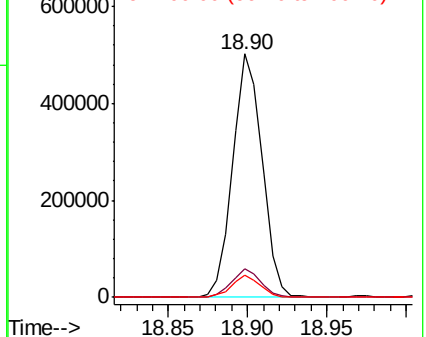
100 8.9 6.9 10.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 10.508 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

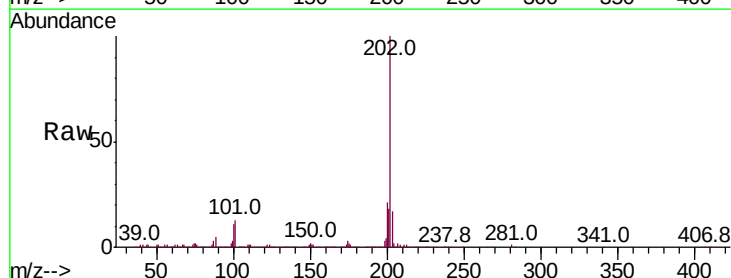
Tgt Ion:202 Resp: 584765

Ion Ratio Lower Upper

202 100

101 12.9 10.3 15.5

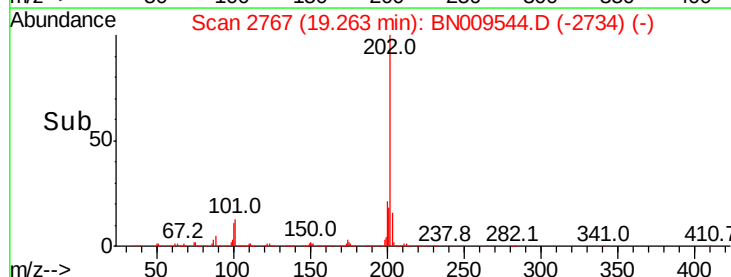
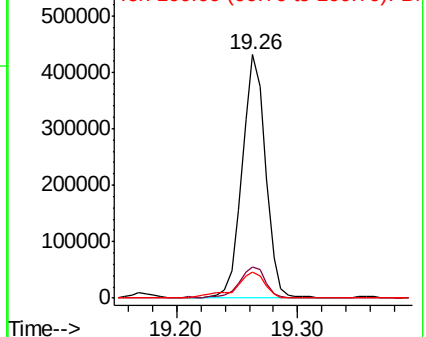
100 10.9 8.4 12.6

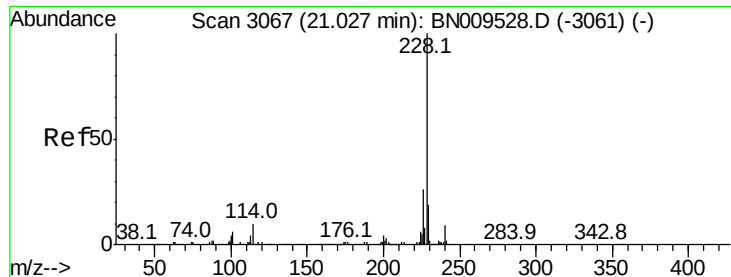


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 6.650 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. 0.00 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

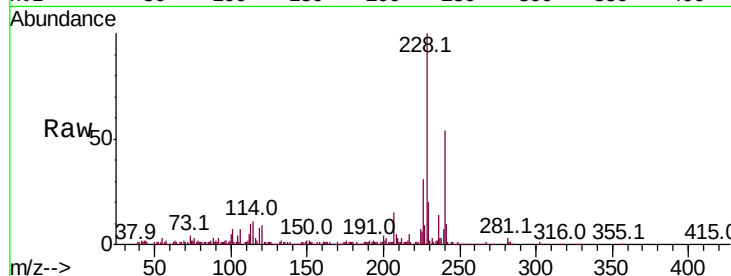
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 350015

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.0	22.4
226	31.0	20.9	31.3

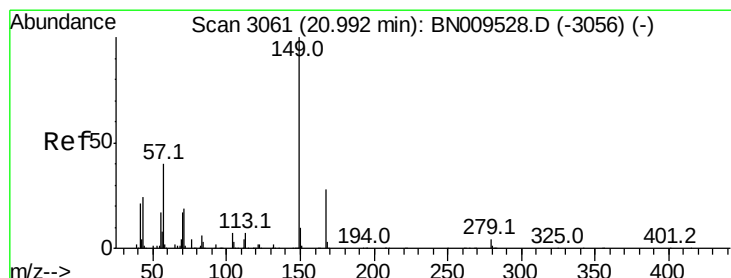
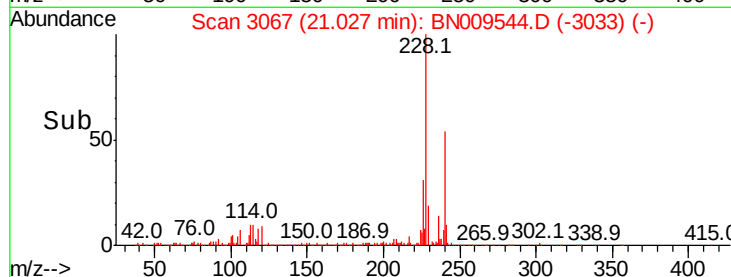
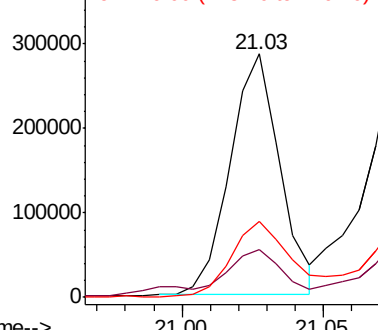


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.888 ng/ul

RT: 20.99 min Scan# 3060

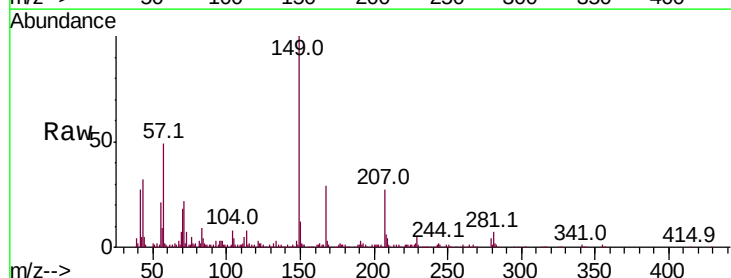
Delta R.T. -0.01 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

Tgt Ion:149 Resp: 164210

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.1	33.1
279	4.4	3.3	4.9

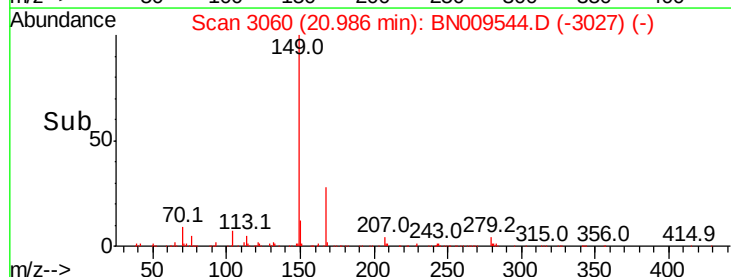
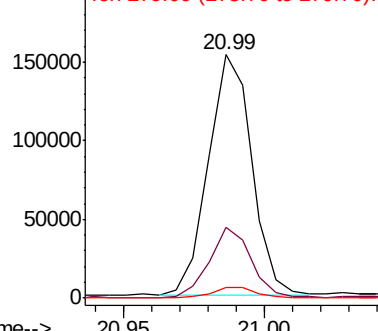


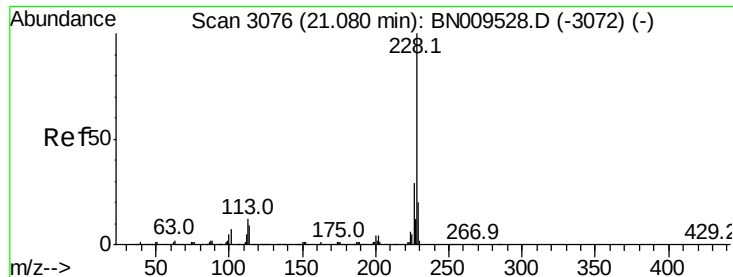
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 7.527 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

Instrument :

BNA_N

ClientSampleId :

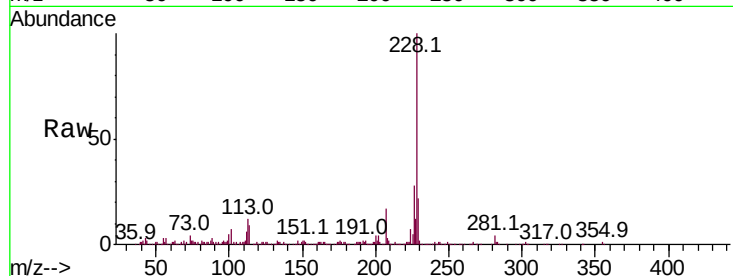
Tot Ion:228 Resp: 394404

Ion Ratio Lower Upper

228 100

226 28.2 23.5 35.3

229 21.8 15.8 23.8

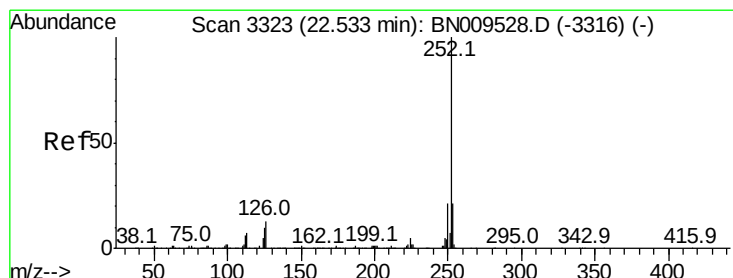
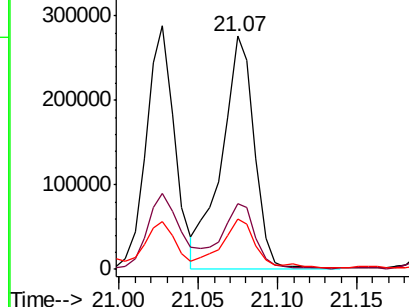
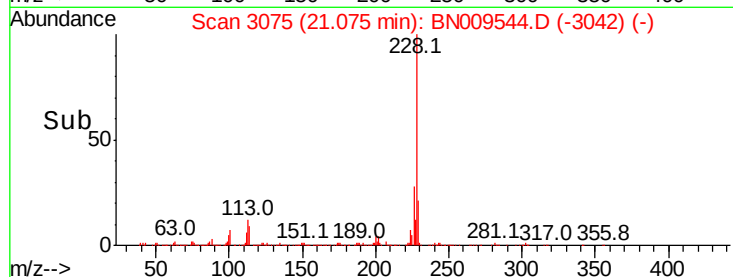


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 9.248 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. 0.00 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

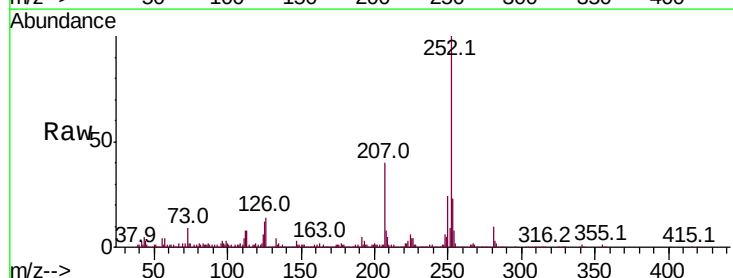
Tgt Ion:252 Resp: 487387

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

125 11.7 8.2 12.2

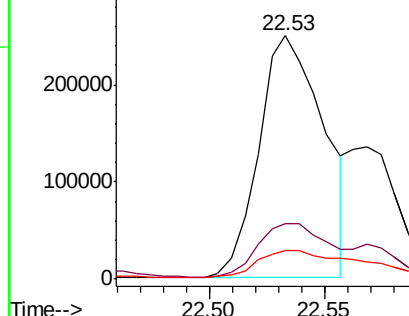
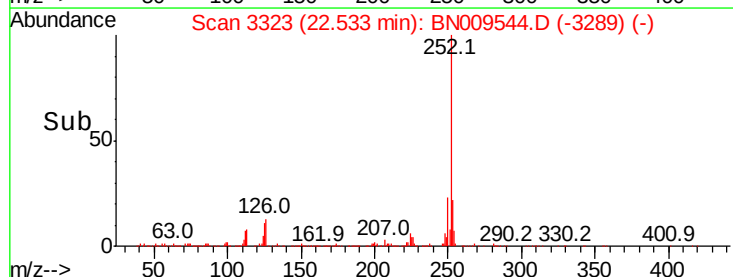


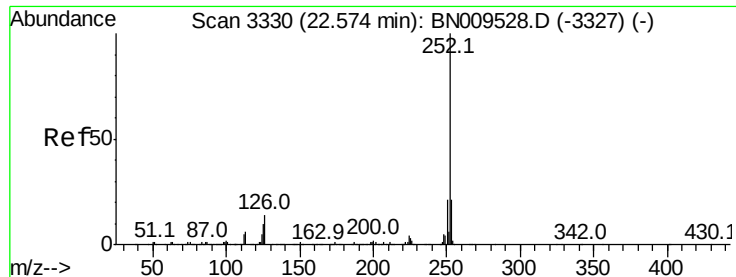
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

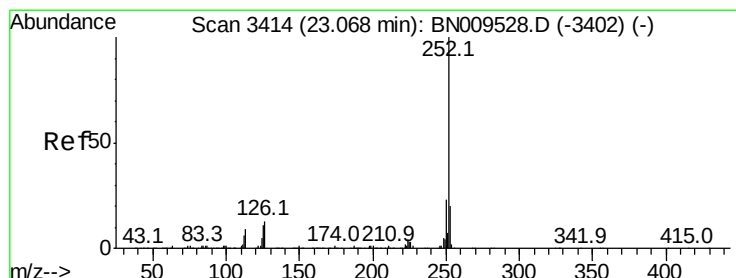
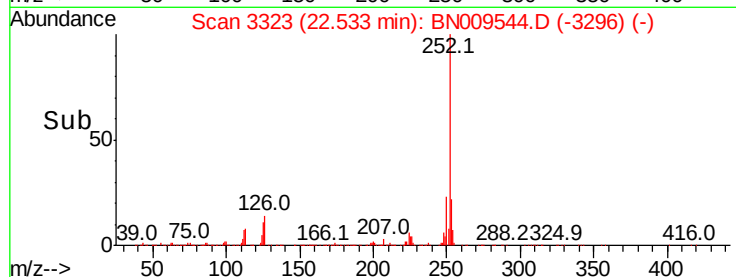
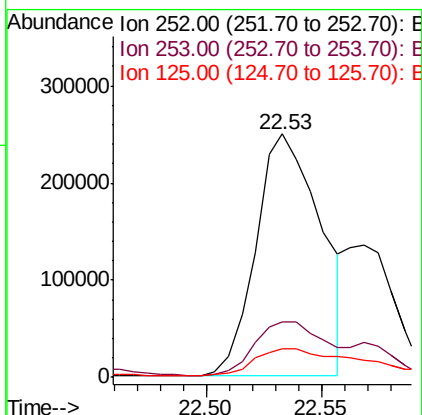
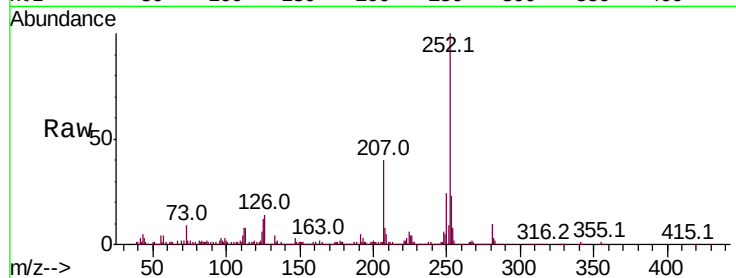




#88
Benzo(k)fluoranthene
Concen: 9.390 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.04 min
Lab File: BN009544.D
Acq: 04 Feb 2020 00:35

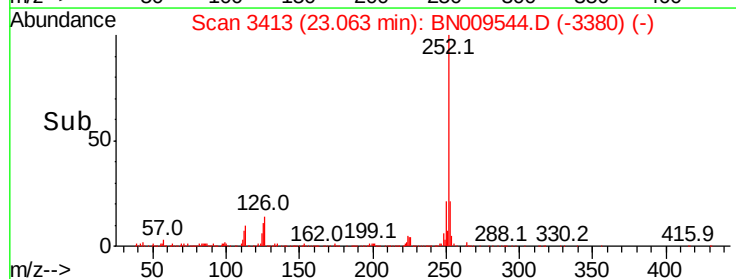
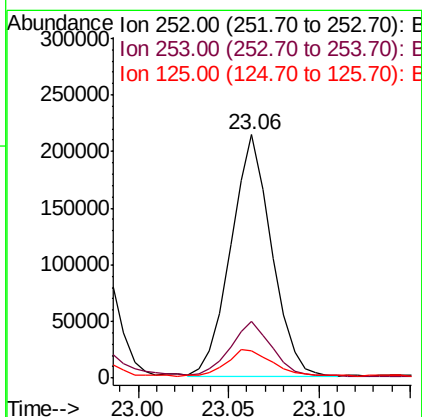
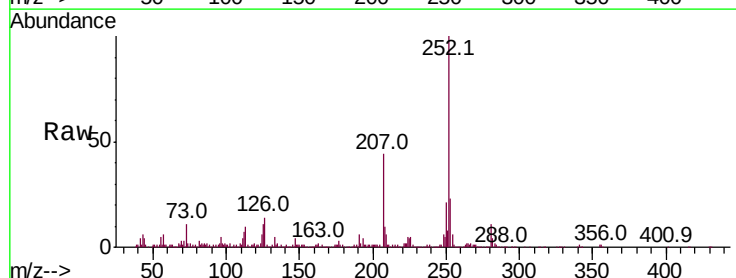
Instrument :
BNA_N
ClientSampleId :

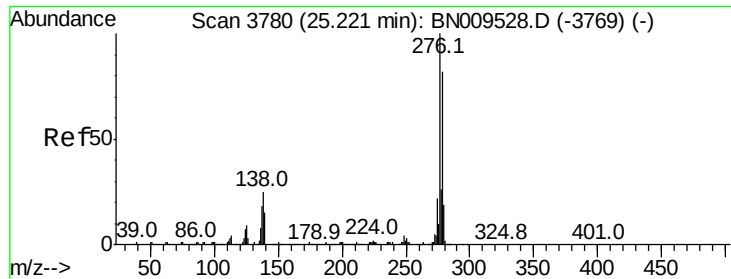
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.4
125	11.7	8.0	12.0



#90
Benzo(a)pyrene
Concen: 6.802 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009544.D
Acq: 04 Feb 2020 00:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	15.8	23.8
125	11.4	8.7	13.1

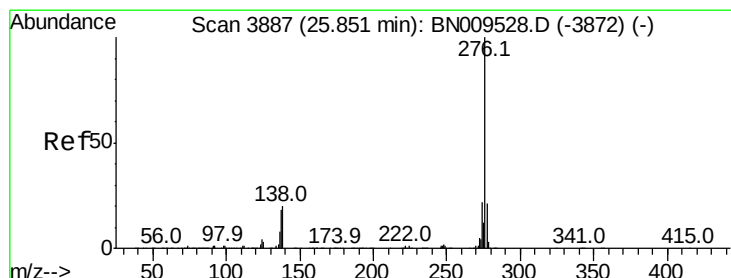
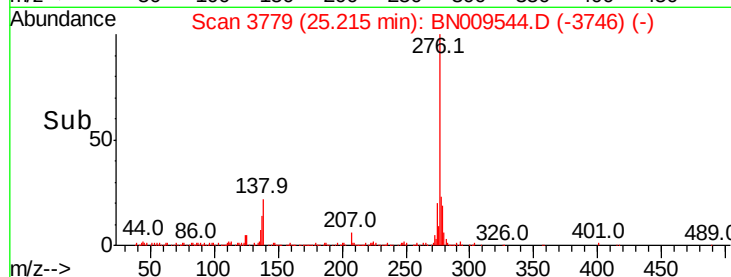
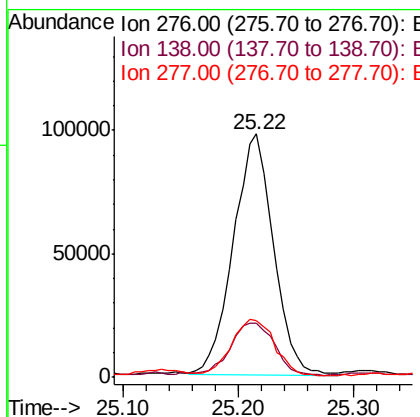
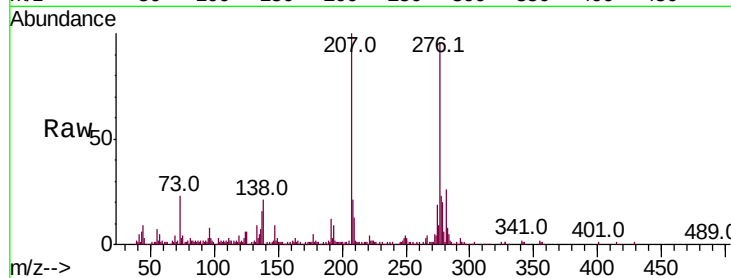




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 4.088 ng/ul
 RT: 25.22 min Scan# 3779
 Delta R.T. -0.01 min
 Lab File: BN009544.D
 Acq: 04 Feb 2020 00:35

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.3	30.5
277	23.5	21.2	31.8



#93
 Benzo(g,h,i)perylene
 Concen: 3.936 ng/ul
 RT: 25.84 min Scan# 3885
 Delta R.T. -0.01 min
 Lab File: BN009544.D
 Acq: 04 Feb 2020 00:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	16.0	24.0
277	26.7	17.0	25.6

